

10/510593

PATENT

ATTORNEY DOCKET NO. UCSF.009.01US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
DESIGNATED/ELECTED OFFICE (DO/EO/US)

In re application of: H. S. Bose *et al.*)
)
International application No.: PCT/US03/15906)
)
International filing date: May 20, 2003)
)
Serial No.: not yet assigned)
)
Priority date claimed: May 20, 2002)
)
Title: Methods and compositions for regulation and)
manipulation of steroidogenesis)
_____)

**TRANSMITTAL LETTER TO THE
UNITED STATES DESIGNATED
OFFICE (DO/EO/US)
CONCERNING A SUBMISSION
UNDER 35 U.S.C. 371**

Mail Stop PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Transmitted herewith for filing is a utility patent application. This is a FIRST submission.
 - a. Applicant(s) for DO/EO/US: Himangshu S. Bose, Vishwanath R. Lingappa, Walter L. Miller

CERTIFICATE OF EXPRESS MAILING

EV 532107917 US
(Express Mail Label No.)

10/07/04
(Date of Deposit)

I hereby certify under 37 C.F.R. 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Mariah Salisbury
(Signature)
Mariah Salisbury
(Printed Name)

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- b. Title of invention: Methods and compositions for regulation and manipulation of steroidogenesis
- c. International Priority Application No.: PCT/US03/15906, filed May 20, 2003
- d. Attorney docket number: UCSF.009.01US

Applicant(s) herewith submits to the United States Designated and Elected office (DO/EO/US) the following items under 35 U.S.C. 371:

- 2. ☒ This express request to immediately begin national examination procedures (35 U.S.C. 371(f)).
- 3. ☐ Please make the amendments shown on the attached preliminary amendment
- 4. A copy of the International application (35 U.S.C. 371(c)(2)):
 - ☐ is attached hereto.
 - ☒ is not required as the application was filed with the United States Receiving Office (RO/US).
 - ☐ has been communicated by the International Bureau.
- 5. A translation of the International application as filed into the English language (35 U.S.C. 371(c)(2)):
 - ☐ is attached hereto.
 - ☒ is not required as the application was filed in English.
 - ☐ was previously transmitted under 35 U.S.C. 154(d)(4).
- 6. Amendments to the claims of the International application under PCT Article 19 (35 U.S.C. 371(c)(3)):
 - ☐ are attached hereto.

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- ☐ have been communicated by the International Bureau.
- ☒ have not been made
- ☒ have not been made and will not be made.
- ☐ have not been made, however the time limit for the submission of amendments has NOT yet expired.
7. A translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)):
- ☐ is attached hereto.
- ☐ is not required as the amendments were made in the English language.
- ☒ has not been transmitted for reasons indicated in section 6 above.
8. An oath or declaration of the inventor (35 USC 371(c)(4)) complying with 35 USC 115:
- ☐ no oath or declaration is enclosed.
- ☒ an unexecuted oath or declaration is enclosed
9. ☐ An English language translation of the annexes of the IPER under PCT Article 36 (35 U.S.C. 371(c)(5)).
10. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
11. ☐ An assignment document is transmitted herewith for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included
12. ☒ Basic National Fee (37 CFR 1.492(a)(1)-(5)):
- ☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.
- \$1,100.00**

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- ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.
\$950.00
- ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.
\$790.00
- ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1) to (4).
\$750.00
- ☒ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1) to (4).
\$100.00

Total Basic National Fee **\$100.00**

The fees have been calculated as shown below for the claims as amended:

<u>Claims</u>	<u>Total</u>	<u>Extra</u>	<u>Small Entity</u>	<u>Large Entity</u>
Total: 21	1		x \$9 = \$9.00	x \$18 = \$0.00
Indep: 8	5		x \$44 = \$220.00	x \$88 = \$0.00
Mult: y	y		\$150.00	\$0.00

Total Fee (including additional claims): **\$479.00**

Other fees (list individually):

- ☐ Executed Assignments (QUANTITY) for
recordation, \$40.00 per Assignment: \$ 0.00

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Total Other Fees: \$ 0.00

TOTAL FEES: \$479.00

- ☒ A credit card authorization for the amount of the above-indicated TOTAL FEES is attached.
- ☐ Please charge Deposit Account No. 18-0020 in the amount of the above-indicated TOTAL FEES.
- ☐ Filing fee is deferred. Please award a filing date and serial number based upon the enclosed specification (and any drawings), under 35 U.S.C. § 111.
- ☐ No fee is required.
- ☒ Conditional Petition for Extension of Time: An extension of time is requested to provide for timely filing if an extension of time is still required after all papers filed with this transmittal have been considered.
- ☒ The Commissioner is hereby authorized to charge any underpayment of the following fees associated with this communication, including any necessary fees for extension of time, or credit any overpayment to Deposit Account No. 18-0020.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any parent application processing fees under 37 CFR 1.17.
- ☒ A duplicate copy of this sheet is attached for accounting purposes.
- ☒ A return receipt postcard is also enclosed (postage prepaid).
- ☒ Address for correspondence: Customer number 31272

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Respectfully submitted,

Dated: October 5, 2004



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